

Transportation Compliance Evaluation/Assistance Program

6. Railroad Operations

Revision 1, July 2000

Standard: All DOE-owned or leased railroad operations and maintenance are performed in a consistent and accountable manner, following approved procedures, in compliance with federal regulations and DOE Orders and policy.				References: 49 CFR Parts 100-180 and 213-240	
Self-Assessment/Evaluation Actions	RESPONSE			Comment	
	Y	N	N/A		
A. GENERAL REQUIREMENTS					
1. Does the contractor have railroad operations?					
2. Does the contractor have a written hazardous materials policy or procedure?					
3. Does the contractor have written procedures for shipments of radioactive materials?					
4. Does the contractor have written procedures for emergency response notification in the event of an incident (spill, leak, fire, exposure, accident) involving hazardous materials?					
5. Are train crews trained in proper use of protective clothing and other emergency response equipment?					
6. Does the contractor prepare and track Federal Railroad Administration (FRA) reportable injury index requirements?					
7. Does the contractor have written procedures for the Employee Assistance Program for controlled substance/alcohol abuse?					
B. OPERATIONS					
1. Does the contractor have written Railroad Operating Rules and Practices?					
2. Does the contractor have a program to monitor train speeds and operating procedures/rules compliance?					

6. Railroad Operations

Revision 1, July 2000

Self-Assessment/Evaluation Actions	RESPONSE			Comment
	Y	N	N/A	
3. Does the contractor have written procedures in place for proper train placement of freight cars containing hazardous material?				
4. For shipping papers of empty packaging, including tank cars, containing a hazardous substance residue are prefaced Residue: LAST CONTAINED **** and the LETTERS "RQ" entered before or after the basic description? [49 CFR 172.203 (e)(3)]				
5. Do shipping papers for rail shipment of hazardous materials contain the notation "placarded" followed by the name of the placard applied to the rail car? [49 CFR 172.203 (g)]				
6. For hazardous material shipments by rail, does the shipper affix the appropriate placards to the rail car? [49 CFR 172.508(a)]				
7. Does the hazardous materials shipping paper include the reporting mark displayed on the railcar, freight container, transport vehicle or portable tank? [49 CFR 172.203 (g)(1)]				
8. Does the hazardous materials shipping paper for each DOT -113 tank car containing any quantity of a division 2.1 material include the words "DOT-113" and "DO NOT HUMP OR CUT OFF CAR WHILE IN MOTION?" [49 CFR 172.203(g)(2)]				
9. Does hazardous materials shipping paper entry for a tank car containing residue include the phrase "RESIDUE LAST CONTAINED..." associated with the basic description? [49 CFR 172.203(e)(2)]				
10. Does a member of each train crew of a train transporting a hazardous material have a document showing the information required by 49 CFR Part 172? [49 CFR 174.26(b)]				
11. Does the contractor maintain a supply of replacement hazardous materials labels and placards? [49 CFR 174.33]				

6. Railroad Operations

Revision 1, July 2000

Self-Assessment/Evaluation Actions	RESPONSE			Comment
	Y	N	N/A	
C. REPORTS OF INSPECTIONS AND ACCIDENTS				
1. Please provide the railroad's total DOT Form F-5800.1 Hazardous Materials Incident Reports for the past three years.				
2. Please provide total of railroad's hazardous material shipments and total shipments for the past three years.				
3. What is the ratio of the DOT Form F-5800.1 Reports to total hazardous materials shipments by year?				
4. Does the contractor have an accident investigation policy?				
D. ENGINEERING / MECHANICAL				
1. Where are track inspection records maintained?				
2. Please provide capital maintenance expense for track/roadbed.				
3. What is the percentage of welded rail?				
4. What is the percentage of track with grades greater than 2 percent?				
5. What is the percentage of track with curves sharper than 5 degrees?				
6. What are the classes of track at the site?				
7. Does the contractor have a written procedure for the inspection of switches and track crossings?				
8. Does the contractor have a written procedure for the inspection of signal systems?				
9. Does the contractor have written procedures for the inspection of locomotive power?				
10. Does the contractor have written procedures on maintenance of locomotive power and freight cars to FRA standards?				
11. Does the contractor have written procedures designating rail car inspectors?				

6. Railroad Operations

Revision 1, July 2000

Self-Assessment/Evaluation Actions	RESPONSE			Comment
	Y	N	N/A	
12. Does the contractor have written procedures identifying a periodic maintenance program for its freight cars?				
13. Does the contractor have any special maintenance procedures/inspection capabilities for rail cars carrying hazardous materials?				
14. Identify location of railroad's car repair shops and levels of repair under normal operation:				
15. Does the contractor have written procedures identifying a program for certifying its locomotive engineers?				